

SMOOTH BORE SECOND ENVIRONMENT SENSING

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ABSTRACT OF THE DISCLOSURE

A safety and arming apparatus for arming a fuze of a smooth bore projectile, comprises a setback sensor and a spin rate sensor. The setback sensor is in cooperative electronic communication with the spin rate sensor such that when the setback sensor senses at least one predetermined setback condition and the spin rate sensor detects a predetermined number of spins within a predetermined window of time the fuze is armed.

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